

ABSTRACT OF THE DISCLOSURE

The invention provides a method and computer system that can reduce the possibility of cold reset for computer systems. The computer system has a CPU that is used to controls the computer system, a wake-up button that is used to awaken the CPU from a sleep mode, and a battery that supplies power to the computer system. The CPU supports the function of software battery fault handling. The method of the invention includes the procedures (1) When the CPU is in the sleep mode and the computer system's power supply is in an uncertain status, the CPU staying in the sleep mode even a wake-up event occurs. (2) When the CPU is in the sleep mode and the period during which the wake-up button is pressed is less than a predetermined value, the CPU continues to stay in the sleep mode.

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